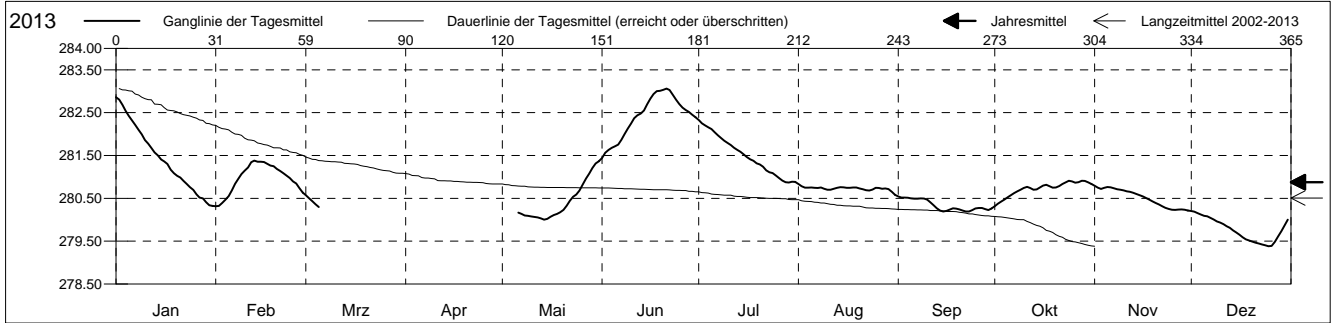


Grundwasserstände

Birstal
 Aesch 11.J.19 Fiechten
 Abstichpunkt: 0.00 m ü.M.
 OK Terrain: 0.00 m ü.M.

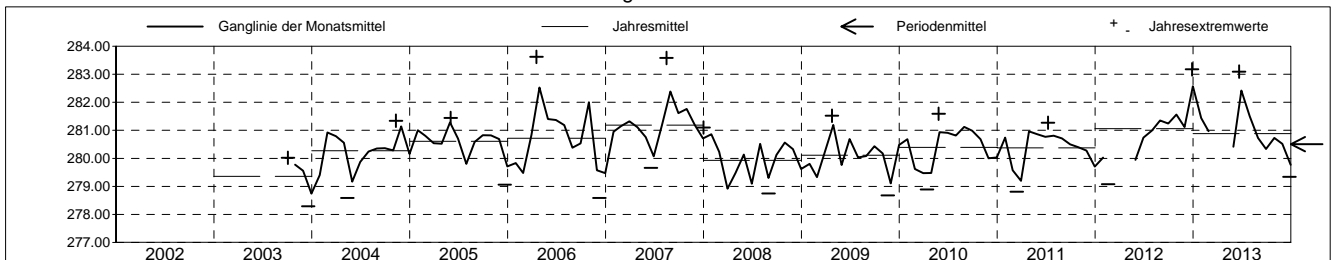
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2013	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	282.86 +	280.32 -	280.57 +			281.44 -	282.33 +	280.83 +	280.54 +	280.32 -	280.79 +	280.20 +	1
2	282.80	280.32 -	280.50			281.56	282.25	280.78	280.52	280.37	280.75	280.19	2
3	282.68	280.39	280.43			281.63	282.20	280.75	280.52	280.43	280.72	280.15	3
4	282.55	280.47	280.36			281.68	282.16	280.75	280.51	280.47	280.75	280.12	4
5	282.42	280.55	280.30			281.71	282.11	280.75	280.50	280.52	280.76	280.09	5
Tagesmittel													
6	282.32	280.69			280.17	281.76	282.04	280.74	280.49	280.57	280.76	280.08	6
7	282.21	280.84			280.14	281.87	281.97	280.74	280.49	280.62	280.73	280.04	7
8	282.10	280.95			280.10	282.00	281.90	280.75	280.50	280.66	280.71	280.01	8
9	281.99	281.07			280.09	282.13	281.84	280.72	280.50	280.70	280.70	279.96	9
10	281.86	281.14			280.08	282.25	281.79	280.70	280.47	280.74	280.69	279.93	10
11	281.78	281.22			280.07	282.37	281.74	280.70	280.41	280.77	280.66	279.90	11
12	281.68	281.34			280.05	282.44	281.68	280.72	280.34	280.74	280.65	279.85	12
13	281.57	281.38 +			280.03	282.48	281.63	280.74	280.27	280.70	280.63	279.81	13
14	281.50	281.35			280.00	282.55	281.59	280.76	280.21	280.71	280.60	279.75	14
15	281.41	281.36			280.02	282.69	281.52	280.76	280.19 -	280.75	280.57	279.70	15
Max. +													
16	281.36	281.35			280.07	282.83	281.47	280.75	280.21	280.80	280.54	279.65	16
17	281.30	281.31			280.11	282.94	281.41	280.74	280.24	280.82	280.51	279.59	17
18	281.17	281.27			280.14	283.00	281.38	280.75	280.27	280.78	280.47	279.54	18
19	281.09	281.25			280.17	283.01	281.32	280.75	280.26	280.75	280.43	279.51	19
20	281.03	281.19			280.23	283.03	281.29	280.73	280.24	280.75	280.39	279.49	20
Min. -													
21	280.98	281.14			280.33	283.06 +	281.24	280.71	280.21	280.79	280.36	279.46	21
22	280.91	281.08			280.44	283.03	281.15	280.69	280.19 -	280.83	280.32	279.44	22
23	280.83	281.03			280.54	282.91	281.11	280.68	280.19 -	280.87	280.28	279.42	23
24	280.76	280.97			280.59	282.80	281.09	280.70	280.22	280.80 +	280.25	279.40	24
25	280.70	280.90			280.68	282.70	281.03	280.74	280.26	280.90	280.23	279.38 -	25
26	280.59	280.85			280.82	282.62	280.97	280.74	280.27	280.87	280.23	279.39	26
27	280.52	280.74			280.96	282.56	280.91	280.72	280.27	280.88	280.24	279.48	27
28	280.50	280.63			281.08	282.51	280.88	280.73	280.25	280.91 +	280.24	279.61	28
29	280.41				281.21	282.45	280.87 -	280.72	280.23	280.91 +	280.23	279.73	29
30	280.34				281.31	282.39	280.89	280.65	280.26	280.87	280.22 -	279.87	30
31	280.32 -				281.36 +		280.89	280.58 -		280.83		280.00	31
Monatsmittel	281.44	280.97			280.41	282.41 +	281.51	280.73	280.33	280.73	280.51	279.77 -	
Maximum	282.88	281.42	280.63		281.40	283.09 +	282.35	280.86	280.57	280.94	280.82	280.23 -	
Datum	01.01	13.02	01.03		31.05	21.06	01.07	01.08	01.09	24.10	01.11	01.12	
Amplitude	2.60	1.16	0.35		1.43	1.73	1.52	0.32	0.42	0.69	0.64	0.89	
Jahr 2013	Mittel	280.88 m ü.M.		Maximum	283.09 (21.Jun)		Minimum	279.34 (26.Dez)		Amplitude	3.75 m		



Periode	2002 - 2013											
Monatsmittel	280.47	280.23	280.17	280.73	280.47	280.66	280.71	280.70	280.69	280.79 +	280.32	280.09 -
Maximum	282.88	281.42 -	282.11	283.62 +	282.55	283.09	282.35	283.58	281.83	282.77	281.62	283.17
Jahr	2013	2013	2006	2006	2006	2013	2013	2007	2007	2006	2012	2012
Minimum	278.86	278.99	278.78	278.85	278.59	278.78	279.14	278.75	278.77	279.49 +	278.68	278.29 -
Jahr	2004	2011	2008	2008	2004	2008	2005	2008	2008	2003	2009	2003
Amplitude	2.60	1.73	3.01 +	2.38	1.76	1.73	1.64 -	2.28	2.11	2.06	1.89	2.24
Jahr	2013	2008	2006	2006	2006	2013	2008	2007	2008	2006	2006	2006
Periode	Mittel	280.51 m ü.M.		Maximum	283.62 (18.Apr 2006)		Minimum	278.29 (19.Dez 2003)		Amplitude	5.33 m	

Darstellung der letzten 12 Jahre

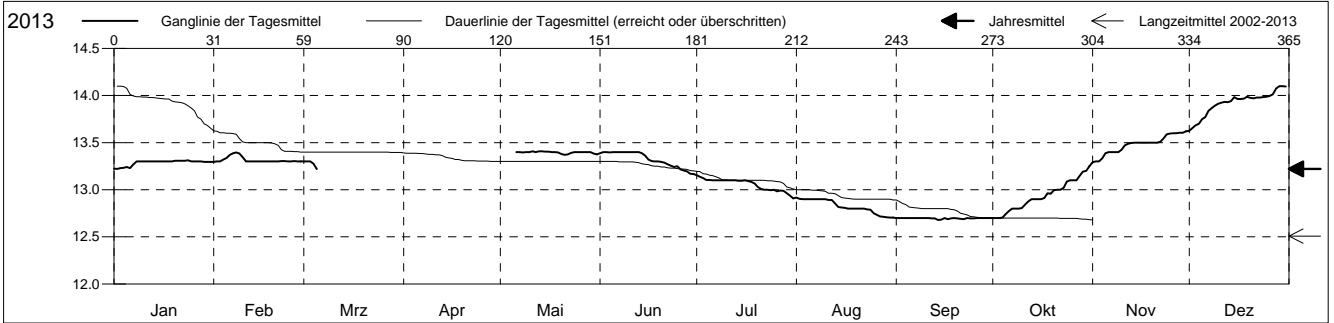


Grundwassertemperatur

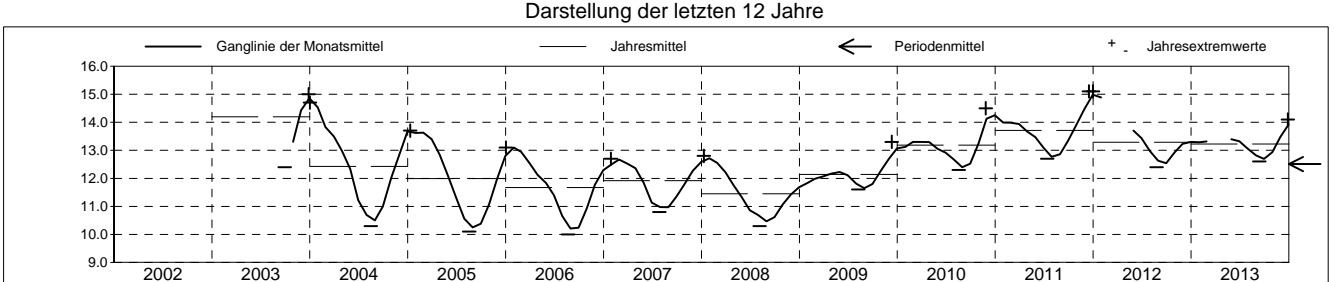
Birstal
 Aesch 11.J.19 Fiechten
 Abstichpunkt: 0.00 m ü.M.
 OK Terrain: 0.00 m ü.M.

Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2013	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	13.2 -	13.3 -	13.3 +			13.4 +	13.2 +	12.9 +	12.7 +	12.7 -	13.3 -	13.6 -	1
2	13.2 -	13.3 -	13.3 +			13.4 +	13.1	12.9 +	12.7 +	12.7 -	13.3 -	13.7	2
3	13.2 -	13.3 -	13.3 +			13.4 +	13.1	12.9 +	12.7 +	12.7 -	13.3 -	13.7	3
4	13.2 -	13.3 -	13.3 +			13.4 +	13.1	12.9 +	12.7 +	12.7 -	13.3 -	13.7	4
5	13.2 -	13.3 -	13.2			13.4 +	13.1	12.9 +	12.7 +	12.7 -	13.4	13.8	5
Tagesmittel													
6	13.2 -	13.4 +			13.4 +	13.4 +	13.1	12.9 +	12.7 +	12.8	13.4	13.8	6
7	13.3 +	13.4 +			13.4 +	13.4 +	13.1	12.9 +	12.7 +	12.8	13.4	13.8	7
8	13.3 +	13.4 +			13.4 +	13.4 +	13.1	12.9 +	12.7 +	12.8	13.4	13.9	8
9	13.3 +	13.4 +			13.4 +	13.4 +	13.1	12.9 +	12.7 +	12.8	13.4	13.9	9
10	13.3 +	13.3 -			13.4 +	13.4 +	13.1	12.9 +	12.7 +	12.8	13.4	13.9	10
11	13.3 +	13.3 -			13.4 +	13.4 +	13.1	12.9 +	12.7 +	12.8	13.5	13.9	11
12	13.3 +	13.3 -			13.4 +	13.4 +	13.1	12.9 +	12.7 +	12.9	13.5	13.9	12
13	13.3 +	13.3 -			13.4 +	13.4 +	13.1	12.9 +	12.7 +	12.9	13.5	13.9	13
14	13.3 +	13.3 -			13.4 +	13.4 +	13.1	12.8	12.7 +	12.9	13.5	13.9	14
15	13.3 +	13.3 -			13.4 +	13.4 +	13.1	12.8	12.7 +	12.9	13.5	14.0	15
Max. +													
16	13.3 +	13.3 -			13.4 +	13.3	13.1	12.8	12.7 +	12.9	13.5	14.0	16
17	13.3 +	13.3 -			13.4 +	13.3	13.1	12.8	12.7 +	12.9	13.5	14.0	17
18	13.3 +	13.3 -			13.4 +	13.3	13.1	12.8	12.7 +	13.0	13.5	14.0	18
19	13.3 +	13.3 -			13.4 +	13.3	13.1	12.8	12.7 +	13.0	13.5	14.0	19
20	13.3 +	13.3 -			13.4 +	13.3	13.0	12.8	12.7 +	13.0	13.5	14.0	20
Min. -													
21	13.3 +	13.3 -			13.4 +	13.3	13.0	12.8	12.7 +	13.0	13.5	14.0	21
22	13.3 +	13.3 -			13.4 +	13.3	13.0	12.8	12.7 +	13.0	13.5	14.0	22
23	13.3 +	13.3 -			13.4 +	13.3	13.0	12.8	12.7 +	13.0	13.5	14.0	23
24	13.3 +	13.3 -			13.4 +	13.2 -	13.0	12.8	12.7 +	13.1	13.6 +	14.0	24
25	13.3 +	13.3 -			13.4 +	13.3	13.0	12.8	12.7 +	13.1	13.6 +	14.0	25
26	13.3 +	13.3 -			13.4 +	13.2 -	13.0	12.7 -	12.7 +	13.1	13.6 +	14.0	26
27	13.3 +	13.3 -			13.4 +	13.2 -	13.0	12.7 -	12.7 +	13.1	13.6 +	14.0	27
28	13.3 +	13.3 -			13.4 +	13.2 -	13.0	12.7 -	12.7 +	13.1	13.6 +	14.1 +	28
29	13.3 +				13.4 +	13.2 -	13.0	12.7 -	12.7 +	13.2	13.6 +	14.1 +	29
30	13.3 +				13.4 +	13.2 -	12.9 -	12.7 -	12.7 +	13.2	13.6 +	14.1 +	30
31	13.3 +				13.4 +		12.9 -	12.7 -		13.3 +		14.1 +	31
Monatsmittel	13.3	13.3			13.4	13.3	13.1	12.8	12.7 -	12.9	13.5	13.9 +	
Maximum	13.4	13.4	13.3		13.5	13.5	13.2	13.0	12.7 -	13.3	13.7	14.1 +	
Datum	20.01	04.02	01.03		11.05	04.06	01.07	01.08	01.09	31.10	28.11	27.12	
Minimum	13.2	13.2	13.2		13.3	13.1	12.9	12.7	12.6 -	12.7	13.2	13.6 +	
Datum	01.01	01.02	04.03		08.05	27.06	24.07	23.08	12.09	01.10	01.11	01.12	
Amplitude	0.2	0.2	0.1		0.2	0.4	0.3	0.3	0.1	0.6	0.5	0.5	
Jahr 2013	Mittel	13.2 °C		Maximum	14.1 (27.Dez)			Minimum	12.6 (12.Sep)		Amplitude	1.5 °C	



Periode	2002 - 2013												
Monatsmittel	13.4 +	13.1	12.9	12.7	12.5	12.1	11.7	11.5 -	11.6	12.3	13.0	13.4 +	
Maximum	15.1 +	14.9	14.0	13.9	13.9	13.6	13.2	13.1 -	13.6	14.2	14.8	15.1 +	
Jahr	2012	2012	2011	2011	2012	2012	2012	2011	2011	2011	2011	2011	
Minimum	11.7	11.9 +	11.9 +	11.4	10.9	10.6	10.3	10.0 -	10.0 -	10.5	11.3	11.6	
Jahr	2009	2009	2008	2008	2008	2008	2005	2006	2006	2006	2008	2008	
Amplitude	0.8	0.3 -	0.5	0.7	1.0	0.9	0.6	0.4	0.9	1.5 +	0.9	0.8	
Jahr	2004	2006	2008	2005	2004	2005	2004	2011	2004	2003	2010	2005	
Periode	Mittel	12.5 °C		Maximum	15.1 (16.Dez 2011)			Minimum	10.0 (21.Aug 2006)		Amplitude	5.1 °C	

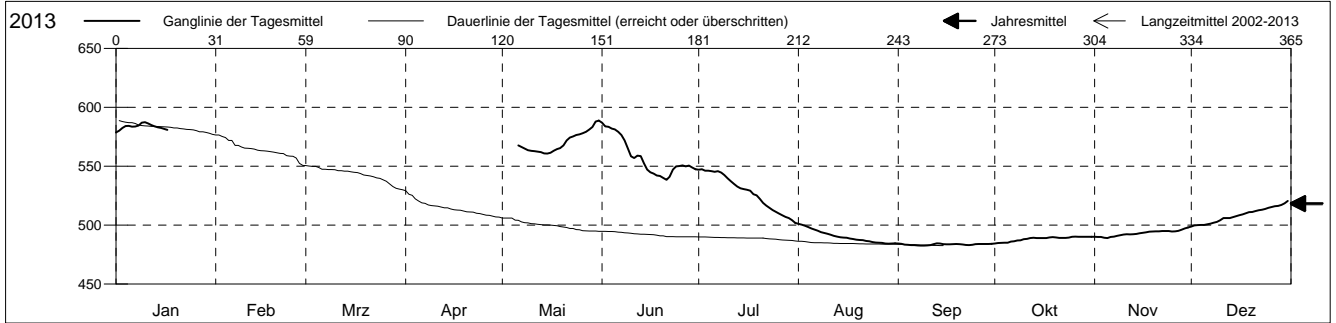


Leitfähigkeit

Birstal
 Aesch 11.J.19 Fiechten
 Abstichpunkt: 0.00 m ü.M.
 OK Terrain: 0.00 m ü.M.

Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2013	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	579					587 +	547 +	501 +	484	484 -	490	499 -	1
2	580					584	547 +	500	484	485	490	500	2
3	583					583	546	499	483 -	485	490	500	3
4	584					582	546	498	483 -	485	489 -	500	4
5	584					581	546	497	483 -	485	489 -	500	5
Tagesmittel													
6	584				568	579	545	496	483 -	486	490	501	6
7	584				566	577	546	495	483 -	486	490	501	7
8	585				565	572	545	494	483 -	487	491	502	8
9	587 +				564	565	542	493	483 -	487	492	503	9
10	587 +				563	558	540	493	483 -	488	492	504	10
11	586				563	557	537	492	483 -	488	492	506	11
12	585				562	559	535	491	484	489	492	506	12
13	584				562	559	533	490	485 +	489	492	506	13
14	583				561	552	531	490	484	489	493	507	14
15	583				561	547	531	489	484	489	493	508	15
Max. +													
16	582				562	545	530	489	484	489	493	509	16
17	581				563	544	529	489	484	489	494	509	17
18					565	542	526	488	484	489	494	510	18
19					565	542	525	488	484	490 +	495	511	19
20					568	540	522	487	484	490 +	495	511	20
Min. -													
21					572	538 -	519	487	484	489	495	512	21
22					574	541	517	487	483 -	489	495	513	22
23					575	547	515	486	483 -	489	495	513	23
24					576	550	513	486	483 -	489	495	514	24
25					577	550	511	485	484	490 +	495	515	25
26					578	551	510	485	484	490 +	495	515	26
27					579	550	508	485	484	490 +	495	516	27
28					581	551	507	484 -	484	490 +	496	516	28
29					583	549	506	484 -	484	490 +	497	517	29
30					588	547	504	484 -	484	490 +	498 +	518	30
31					589 +		502 -	485		490 +		520 +	31
Monatsmittel	583 +				570	558	528	490	484 -	488	493	508	
Maximum	589				591 +	590	556	502	485 -	491	499	523	
Datum	10.01				30.05	01.06	01.07	01.08	01.09	26.10	30.11	31.12	
Minimum	575 +				560	536	501	484	482 -	484	489	498	
Datum	01.01				14.05	21.06	31.07	27.08	06.09	01.10	02.11	01.12	
Amplitude	14				31	54	55	18	3	7	10	25	
Jahr 2013	Mittel	518 µs/cm		Maximum	591 (30.Mai)		Minimum	482 (06.Sep)		Amplitude	109 µs/cm		



Periode	2002 - 2013												
Monatsmittel	535	526	534	538 +	526	518	510	503 -	503 -	503 -	508	516	
Maximum	589	568	617 +	596	600	590	556	552	544 -	563	564	583	
Jahr	2013	2004	2006	2006	2006	2013	2013	2007	2006	2006	2012	2012	
Minimum	499 +	490	490	486	472	469 -	472	482	481	480	481	484	
Jahr	2008	2008	2008	2004	2004	2004	2004	2004	2004	2004	2010	2010	
Amplitude	65	28 -	103 +	50	60	54	55	67	46	45	51	67	
Jahr	2004	2004	2006	2006	2009	2013	2013	2007	2006	2006	2012	2010	
Periode	Mittel	517 µs/cm		Maximum	617 (16.Mrz 2006)		Minimum	469 (22.Jun 2004)		Amplitude	148 µs/cm		

Darstellung der letzten 12 Jahre

